

**Metropolitan Transportation Commission**  
**SHOPP Lump Sum by Category and Fund Type**  
**Dollars x \$1000**

**2016**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<b>SHOPP - Bridge Preservation</b>										
Bridge - State (HBRR)	\$200465		\$42,839	\$93,298		\$64,328		\$45,295	\$14,675	\$140,495
National Hwy System	\$21998				\$21,998			\$4,024	\$164	\$17,810
TOTAL	\$222463		\$42,839	\$93,298	\$21,998	\$64,328		\$49,319	\$14,839	\$158,305
<b>SHOPP - Collision Reduction</b>										
National Hwy System	\$58983		\$26,613		\$27,946	\$4,424		\$11,306	\$801	\$46,876
Surface Transportation Program	\$282983		\$68,955	\$128,781	\$69,770	\$15,477		\$61,688	\$14,984	\$206,311
TOTAL	\$341966		\$95,568	\$128,781	\$97,716	\$19,901		\$72,994	\$15,785	\$253,187
<b>SHOPP - Emergency Response</b>										
National Hwy System	\$110383		\$24,652	\$85,731				\$28,159	\$6,084	\$76,140
TOTAL	\$110383		\$24,652	\$85,731				\$28,159	\$6,084	\$76,140
<b>SHOPP - Mandates</b>										
National Hwy System	\$47934		\$9,978	\$11,676	\$9,390	\$16,890		\$12,969	\$5,211	\$29,754
TOTAL	\$47934		\$9,978	\$11,676	\$9,390	\$16,890		\$12,969	\$5,211	\$29,754
<b>SHOPP - Mobility</b>										
National Hwy System	\$62384			\$27,383		\$35,001		\$9,460	\$797	\$52,127
SHOPP Augmentation	\$41425		\$41,425					\$5,190	\$333	\$35,902
State Cash	\$3392					\$3,392		\$948	\$30	\$2,414
TOTAL	\$107201		\$41,425	\$27,383		\$38,393		\$15,598	\$1,160	\$90,443
<b>SHOPP - Roadside Preservation</b>										
National Hwy System	\$5600		\$5,600					\$520	\$5,080	
TOTAL	\$5600		\$5,600					\$520	\$5,080	
<b>SHOPP - Roadway Preservation</b>										
National Hwy System	\$496200		\$95,206	\$17,571	\$162,537	\$220,886		\$58,036	\$6,184	\$431,980
TOTAL	\$496200		\$95,206	\$17,571	\$162,537	\$220,886		\$58,036	\$6,184	\$431,980
<b>MPO TOTAL</b>	<b>\$1,331,747</b>		<b>\$315,268</b>	<b>\$364,440</b>	<b>\$291,641</b>	<b>\$360,398</b>		<b>\$237,595</b>	<b>\$54,343</b>	<b>\$1,039,809</b>

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**Dollars x \$1000**

**2016**

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
<b>SHOPP - Bridge Preservation</b>									
	10600002173	ALA	04	4H080	238	Between Livermore and Hayward, at East Connector Separation Bridge No. 33-0524F, N238/S880 Connector Bridge No. 33-0540G and I-580 Arroyo Seco Bridge No. 33-0066. Bridge maintenance.	1,584	92	6,745
	10600002174	ALA	04	4G800	580	In Castro Valley, on eastbound East Castro Valley Boulevard Undercrossing No. 33-0235L. Replace bridge deck.	1,881	63	4,871
	10600002177	ALA	04	4G790	580	In Oakland, at Oakland Avenue Undercrossing No. 33-0288. Rehabilitate bridge deck.	1,250	41	6,550
	10600002365	ALA	04	0J550	84	Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043. Bridge scour mitigation and bridge rail upgrade.	4,255	28	9,431
	10600002369	ALA	04	0J520	580	Near Livermore, near Greenville Road at Greenville Overhead Bridge No. 33-0121R. Rehabilitate westbound structure.	1,500	260	6,979
	10600002187	CC	04	4G810	242	In Concord, at Buchanan Field Viaduct No. 28-0186. Rehabilitate bridge.	1,060	180	1,875
	10600002188	CC	04	4G890	580	In Richmond, at Scofield Avenue Undercrossing No. 28-140L/R. Seismic retrofit.	1,685	460	5,130
	10600002379	CC	04	2J720	580	In Richmond, at Stege Drain Bridge No. 28-0091. Bridge rehabilitation.	1,576	122	6,704
	10600002217	MRN	04	4G871	101	Near San Rafael on Route 101 at Miller Creek Bridge No. 27-0004. Scour mitigation.	564	60	1,251
	10600002312	MRN	04	0J570	1	Near Point Reyes Station, at Millerton Gulch Bridge No. 27-0114. Repair damaged embankment and construct retaining wall.	2,700	630	4,850
	10600002193	MRN	04	4G820	101	In San Rafael, from Route 101 northbound off-ramp to 2nd Street at San Rafael Harbor Bridge No. 27-0033. Replace bridge.	1,230	870	8,164
	10600002381	NAP	04	2J770	29	In and near Saint Helena and Calistoga, at Mill Creek Bridge No. 21-0056, Garnett Creek Branch Bridge No. 21-0111, and No Name Creek Bridge No. 21-0100. Bridge preventive maintenance.	1,610	731	3,694
	10600002382	NAP	04	2J880	29	Near Calistoga, at Garnett Creek Bridge No. 21-0005. Bridge preventative maintenance.	2,420	647	2,200
	10600002383	NAP	04	4J210	121	Near Napa, at Capell Creek Bridge No. 21-0064. Bridge rehabilitation.	1,225	325	3,175
	10600002020	NAP	04	1G430	128	Near Rutherford, at Conn Creek Bridge No. 21-0021. Replace bridge.	2,010	170	8,165
	10600002198	NAP	04	4G840	128	Near Napa, at Capell Creek Bridge No. 21-0078. Rehabilitate bridge.	3,120	455	14,650
	10600002306	NAP	04	4G920	121	In Napa, at Tulucay Creek Bridge No. 21-0003. Repair bridge girders.	735	470	2,682
	10600002255	NAP	04	4A09A	29	Near Calistoga, at Troutdale Creek Bridge No. 21-0004. Plant establishment.	90	10	180
	10600002204	SM	04	4G850	1	In Pacifica, at San Jose avenue Pedestrian Overcrossing No. 35-0240. Replace bridge.	900	105	4,112
	10600001922	SCL	04	44884	152	Near Gilroy, at Uvas Creek. Required environmental species mitigation for bridge replacement project EA 04-44880.	200	130	800
	10600002208	SCL	04	4G830	85	Near Sunnyvale, at Stevens Creek Bridge No. 37-0185, 0.2 mile north of Fremont Avenue undercrossing. Overlay southbound deck with polyester concrete and overlay northbound deck with reinforced concrete.	860	82	4,919
	10600002206	SCL	04	3G630	9	Near Saratoga, at Saratoga Creek Bridge No. 37-0074. Replace bridge.	2,600	7,175	13,194
	10600002400	SCL	04	2J780	VAR	In various cities on various routes at Saratoga Creek Bridge, Camadero Creek Bridge, San Francisco Creek Bridge, San Tomas Aquino Creek Bridge, and Bodfish Creek Bridge. Bridge preventative maintenance.	1,650	54	2,991
	10600002396	SCL	04	2J750	280	In San Jose, at Bird Avenue Overcrossing Bridge No. 37-0267 (PM R2.78); also in Los Altos Hills at Arastradero Road Undercrossing Bridge No. 37-0251 L/R (PM 17.8). Bridge seismic restoration.	2,178	156	2,964
	10600002401	SOL	04	0J600	80	In and near Vallejo, Dixon and Vacaville, at Route 80/29 Separation Bridge No. 23-0087, McCune Creek Bridge No. 23-0084 L/R and Horse Creek Bridge No. 23-0077 L. Bridge preventative maintenance.	1,870	489	2,259
	10600002402	SOL	04	0J710	80	In Vallejo, from Magazine Street Overcrossing (No. 23-0066) to Redwood Street Overcrossing (No. 23-0114). Increase vertical clearance at six overcrossing structures.	4,024	164	17,810
	10600002403	SOL	04	4G872	80	Near Fairfield, at Suisun Creek Bridge No. 23-0007. Scour mitigation.	1,450	25	1,360

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10600002216	SOL	04	3G690	80	Near Fairfield, at Dan Wilson Creek Bridge No. 23-0006. Rehabilitate bridge.	1,442	195	3,200
10600002218	SON	04	4H050	12	In and near Sonoma, at Sonoma Creek Bridge No. 20-0027, Stuart Creek Bridge No. 20-0025 and Hooker Creek Bridge No. 20-0030. Scour mitigation.	1,650	650	7,400
SHOPP - Bridge Preservation Total:						49,319	14,839	158,305

# Metropolitan Transportation Commission

## SHOPP Lump Sum by Category and Fund Type

### Dollars x \$1000

2016

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Collision Reduction									
	10600002366	ALA	04	1J600	84	In Oakland, San Leandro, Hayward and Fremont on Routes 84, 92, 112, 185 and 238 at various locations. Crosswalk safety enhancements.	1,110	173	3,256
	10600002362	ALA	04	0J470	13	In various cities, on Routes 13, 61, and 123 at various locations; also in Contra Costa County, on Route 123, at Eureka Avenue. Crosswalk safety enhancements.	1,576	332	4,000
	10600002363	ALA	04	3J110	13	In various cities, on various routes, at various locations. Crosswalk safety enhancements.	1,786	264	4,612
	10600002325	ALA	04	2J440	92	In Hayward, from west of Clawiter Road to west of Hesperian Boulevard. Install safety lighting and upgrade lighting.	1,205	87	3,187
	10600002183	ALA	04	4G970	VAR	On Route 13, between 4.3 and 10.1 miles; also on Route 24 between 1.8 and 6.0 miles. Pave beyond gore areas.	670	85	2,119
	10600002182	ALA	04	0J000	VAR	In Alameda and Contra Costa counties, on various routes at various intersection locations. Enhance pedestrian crossings.	580	110	2,856
	10600002181	ALA	04	4H010	880	In San Leandro, between Washington Avenue and Marina Boulevard. Pave side slope areas.	714	52	3,293
	10600002292	ALA	04	1J010	880	In San Leandro at the southbound off-ramp to southbound Route 238. Improve safety visibility by installing lighting and improving signs.	660	32	1,051
	10600002170	ALA	04	4G230	80	In Berkeley, from Potter Street/Ashby Avenue on-ramp to University Avenue off-ramp. Replace metal beam guard rail with concrete barrier.	522	150	2,200
	10600002172	ALA	04	2A332	84	In Fremont, from Route 238 (Mission Boulevard) to Route 680. Widen shoulders, install traffic signals and upgrade barriers.	13,800	2,500	23,500
	10600002314	ALA	04	1J700	123	In Berkeley, at Bancroft Way. Install traffic signal.	756	45	837
	10600002326	ALA	04	2J670	238	In and near San Lorenzo, from east of Mission Boulevard to 0.4 mile west of Hesperian Boulevard. Install and upgrade safety lighting.	1,630	80	4,168
	10600002327	ALA	04	1J370	VAR	In Alameda and Contra Costa Counties on various routes at various locations. Apply high friction surface treatment.	2,096	53	8,085
	10600002368	ALA	04	3J190	185	In Oakland, San Leandro, Hayward, Union City and Fremont on Routes 185, 238, and 262 at various locations. Crosswalk safety enhancements.	1,100	76	2,261
	10600002372	ALA	04	2J810	880	In Fremont, from north of Auto Mall Parkway to south of Fremont Boulevard at various locations. Highway worker safety improvements.	1,540	54	5,798
	10600002329	CC	04	1J990	24	In Orinda and Lafayette, from east of the Caldecott Tunnel to east of Camino Pablo and at Acalanes Road (PM R4.2/R4.99); also in Oakland on Route 13, at Redwood Road (PM 5.2/5.5). Install safety lighting.	1,156	377	3,435
	10600002357	CC	04	0K840	680	In and near Walnut Creek, Pleasant Hill, and Concord, from Olympic Boulevard to Arthur Road. Install safety lighting.	2,841	290	20,837
	10600002184	CC	04	4G980	4	Near Concord, on Route 4 from Route 80 to Route 160; also on Route 24 east of Caldecott Tunnel to Route 680. Place vegetation control, Maintenance Vehicle Pullout (MVP) and pave beyond gore.	1,190	95	5,625
	10600002328	CC	04	2J000	4	In and near Concord, from Route 680 to east of Bailey Road at three locations. Install safety lighting, high reflective striping and markings.	1,660	342	4,680
	10600002377	CC	04	2J820	80	In various cities from the Alameda County line to the Solano County line; also on Route 242, 580, and 680 at various locations. Construct maintenance worker safety improvements	1,092	10	3,322
	10600002337	MRN	04	4H980	101	Near Mill Valley, from Redwood Highway Frontage Road to Route 131 (Tiburon Boulevard). Install concrete barrier.	2,590	185	6,634
	10600002123	MRN	04	4H870	1	In Marin County, near Tamalpais-Homestead Valley, from 0.2 mile west of Erica Road to Valley Ford Road; also in Napa County, on Route 29, from PM 48.0 to PM 48.6. Install centerline rumble strips.	2,000	55	6,361
	10600002257	NAP	04	4G210	121	Near Napa, at Huichica Creek (PM 0.75). Roadway widening.	2,880	310	9,600
	10600002299	NAP	04	2J100	29	In Napa, at northbound ramps and 1st Street. Construct roundabout.	250	280	4,924
	10600002195	NAP	04	4G490	29	In Napa, on southbound on-ramp from Solano Avenue to Route 29. Construct concrete barrier.	792	28	1,332
	10600002201	SF	04	4H751	VAR	In San Francisco County, on Routes 35 and 82 at various locations; also in Santa Clara County, on Routes 82, 130, and 152 at various locations. Install pedestrian crosswalk safety enhancements.	1,666	210	5,750
	10600002386	SF	04	3J890	1	In the City of San Francisco, on Routes 1, 35, 80, 101 and 280 at various locations. Crosswalk safety enhancements.	1,354	96	7,974

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10600002390	SM	04	0J670	280	In and near Woodside, at various locations (also Santa Clara County PM 20.4); also in the City and County of San Francisco on Route 101 at San Bruno Avenue off-ramp (PM 1.7). Construct maintenance worker safety	1,320	120	3,448
10600002049	SM	04	1G020	82	Near Burlingame and Hillsborough city limits, at the intersection of Route 82 and Floribunda Avenue. Install left turn signal.	2,146	2,215	2,953
10600002338	SM	04	3J900	VAR	On Routes 92, 101 and 280 in Daly City, San Bruno and San Mateo at four locations. Wet pavement conditions safety improvements.	1,096	35	4,550
10600002209	SCL	04	4G950	101	In Santa Clara, San Mateo and San Francisco Counties, on various routes, various locations. Upgrade pump houses.	520	55	2,430
10600002210	SCL	04	4H000	101	Near San Jose, from Blossom Hill Road to Trimble Road at various locations. Pave beyond gore areas.	432	46	2,469
10600002114	SCL	04	2A251	152	Near Gilroy, at various locations from Pole Line Road to Burchell Road. Planting and environmental mitigation.	440	1,300	1,295
10600002115	SCL	04	2A252	152	In Santa Clara, from Hecker pass to Uvas Creek. Environmental species mitigation.	350	2,150	1
10600002211	SCL	04	4H860	152	In and near Gilroy, from 1.1 miles east of Watsonville Road to Merced County line. Install rumble strips.	342	78	1,938
10600002102	SCL	04	1G870	152	Near Gilroy, from 0.6 mile west to 0.2 mile east of the Prunedale Avenue intersection. Construct shoulders, install rumble strips and soft median barrier.	1,451	811	5,455
10600002045	SCL	04	2A442	152	Near Gilroy, from Old Lake Road to San Felipe Road. Environmental species mitigation.	350	1,163	1
10600002319	SCL	04	2J660	237	In Mountain View, from El Camino Real (Route 82) to east of Church Street. Install median barrier.	450	77	2,870
10600002269	SCL	04	4H880	280	In Los Altos, on northbound off-ramp at El Monte Avenue. Realign off-ramp.	360	20	1,228
10600002340	SCL	04	4H752	82	In the city of Santa Clara, from Harrison Street to Alpine Avenue at various locations. Install pedestrian crosswalk safety enhancements. (Financial Contribution Only)	104	0	766
10600002207	SCL	04	4G990	85	In San Jose, from Cottle Road to south of Route 85/87 Separation at various locations. Pave between edge of shoulder and sound wall.	544	41	2,475
10600002213	SCL	04	1G860	880	In San Jose, on northbound Route 880 off-ramp to westbound Bascom Avenue; also on southbound Route 880 off-ramp to Bascom Avenue. Construct concrete median barriers.	519	125	2,230
10600002398	SCL	04	0J660	680	In San Jose and Milpitas, from Route 101 to Scott Creek Road at various locations. Construct maintenance worker safety improvements.	1,760	120	10,134
10600002399	SCL	04	0J800	152	Near Gilroy, from east of Dunne Street/San Felipe Road to the Merced County line. Place median barrier.	2,602	125	12,750
10600002214	SOL	04	4G560	12	Near Rio Vista, at the intersection of Route 12 and Route 113. Install roundabout.	1,278	125	5,139
10600002215	SOL	04	4G960	80	In and near Vallejo, Fairfield and Vacaville, from Route 29 to Alamo Drive; also in Vallejo on Route 37 at Route 80 (PM R11.45). Install roadside safety improvements.	666	69	3,023
10600002286	SOL	04	4A110	80	In and near Vacaville and Dixon, from west of Gibson Canyon Creek Bridge to Curry Road. Upgrade median barrier.	2,200	210	17,300
10600002353	SON	04	1J020	101	In Sonoma County on Routes 12, 101, 116 and 121 at various locations; also, in Napa County on Route 128 near Calistoga from PM 0.5 to 1.0. Place high friction surface treatment.	500	35	2,815
10600002220	SON	04	4G480	101	In and near Healdsburg, from Grant Avenue undercrossing to Canyon Road undercrossing at various locations. Upgrade electroliners.	650	60	1,290
10600002404	SON	04	0J680	12	In various cities on Routes 12, 101, and 116 at various locations; also in Marin County on Route 101 at various locations. Highway worker safety improvements.	858	54	2,740
10600002259	SON	04	4G380	116	Near Sebastopol, at the intersection of Route 116 and Llano Road. Construct left-turn and merge lanes.	1,440	275	5,445
10600002250	SON	04	4G220	12	In Santa Rosa, from Farmers Lane to Brush Creek Road. Install concrete median barrier and Midwest Guardrail System.	1,400	105	6,745

**SHOPP - Collision Reduction Total:** **72,994** **15,785** **253,187**

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<b>SHOPP - Emergency Response</b>									
	10600002308	ALA	04	4J260	13	In Oakland, at 0.1 mile south of Carson Street. Plant establishment and biological monitoring.	100	0	390
	10600002057	ALA	04	1SS43	880	In Fremont, at Warren Avenue. Install pressure grouting.	1,800	144	7,166
	10600002296	CC	04	2J590	4	Near Discovery Bay, at 0.1 mile west of Old River Bridge. Construct retaining walls to repair storm damage slip-outs.	845	43	2,972
	10600002189	CC	04	0J380	680	Near Alamo, on southbound of Route 680, between Rudgear Road and Livorna Road. Repair slide.	1,590	250	5,684
	10600001841	MRN	04	4S780	1	Near Olema, 1.8 miles south of Olema. Replace culvert with a bridge.	2,800	190	3,350
	10600002284	MRN	04	2J560	1	Near Mill Valley, at Tennessee Valley Road. Repair roadway slip-out.	945	23	1,568
	10600002074	MRN	04	1SS58	1	Near Mill Valley, at 0.2 mile north of Loring Avenue. Provide drainage system and install rock slope protection.	800	105	1,989
	10600002285	MRN	04	2J480	101	In San Rafael, at the Route 101/580 interchange. Repair sinking pavement and drainage systems.	756	63	3,093
	10600002331	NAP	04	3J740	121	Near Napa, at 1.5 miles south of Wooden Valley Road. Install rock bolts and flexible cable mesh to mitigate rockfall.	760	229	1,081
	10600002297	NAP	04	2J570	121	Near the city of Napa, at south of Route 128. Embankment stabilization and culvert repair.	799	107	2,117
	10600002202	SM	04	0J210	1	Near Pigeon Point, at 0.3 mile north of the Santa Cruz County line. Construct rock slope protection (RSP) and install drainage system.	400	205	945
	10600002076	SM	04	4G650	1	Near Ano Nuevo Park, at Rossi Road. Repair slipout.	1,260	200	3,250
	10600002205	SM	04	0J140	92	Near San Mateo, east of Route 35. Construct rock slope protection (RSP).	685	105	915
	10600002293	SCL	04	2J460	101	In Gilroy, at 0.5 mile north of Monterey Road. Fill voids under pavement and repair eroded embankment slope.	338	20	764
	10600002324	SON	04	2J550	101	In and near Healdsburg, at Old Redwood Highway/Grant Undercrossing Bridge No. 20-0067L/R. Upgrade drainage elements and restore erosion and settlement damage.	1,240	140	4,620
	10600001824	SON	04	0A020	1	Near Camet, 0.1 mile north of Del Sol Road. Realign roadway.	8,300	3,500	25,070
	10600001874	SON	04	4S920	1	In San Mateo County in the city of Millbrae, off highway 280, 0.1 miles west of Larkspur Drive. Replace and upgrade North and South Larkspur pumps and electrical controls.	1,476	200	2,350
	10600002287	SON	04	1J750	1	Near Jenner, at 2.4 miles north of Route 116. Repair fire damaged retaining wall.	580	20	1,590
	10600002288	SON	04	2J540	1	Near Jenner, at 1.5 miles south of Myers Grade Road. Repair roadway slip-outs.	1,660	250	4,500
	10600002219	SON	04	0J100	101	Near Petaluma, north of Pepper Road. Repair slide.	525	250	901
	10600002323	SON	04	2J500	37	Near Novato, at the Petaluma River Bridge No. 27-0013. Restore eastern bridge approach settlement.	500	40	1,825
<b>SHOPP - Emergency Response Total:</b>							<b>28,159</b>	<b>6,084</b>	<b>76,140</b>

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<b>SHOPP - Mandates</b>									
	10600002361	ALA	04	2G460	13	In Berkeley, from Claremont Avenue to west of Shattuck Avenue. Upgrade curb ramps and repair sidewalks to meet ADA standards.	1,162	195	1,812
	10600002367	ALA	04	1G910	185	In Oakland and San Leandro, from Plaza Drive to 55th Avenue; also in Contra Costa County, in El Cerrito on Route 123 (PM 0.18/0.29) and in Pleasant Hill on Route 680 (PM 16.85), at various locations. Reinstall and/or	1,101	152	2,702
	10600002176	ALA	04	4H260	580	In Oakland, between Fruitvale Avenue/Champion Street and Harold Street /Montana Street. Upgrade sidewalk and curb ramps.	639	63	2,379
	10600002317	ALA	04	2G482	13	In Berkeley, from Shattuck Avenue to 7th Street. Upgrade curb ramps and sidewalks.	1,220	325	4,293
	10600002192	MRN	04	3G210	101	In Sausalito, Corte Madera, Larkspur, and Tiburon, on Routes 101 and 131 at various locations. Upgrade curb ramps, driveways and sidewalks.	810	477	1,952
	10600002191	MRN	04	2G690	1	In Almonte, near Route 101 off-ramp to Route 1; also from Coyote Creek to Flamingo Road. Upgrade pedestrian facilities.	1,010	1,000	2,566
	10600002197	NAP	04	3G140	29	In Calistoga, on Route 29 from postmile 36.9 to 38.0 at various locations; also on Route 128 from postmile 4.0 to 4.5 at various locations. Construct ADA ramps.	1,200	736	1,722
	10600002263	SF	04	1A905	1	In the city of San Francisco, at Presidio National Park. Water quality improvements.	830	1,100	900
	10600002391	SM	04	0J720	280	Near Redwood City, north of Edgewood Road; also on Route 84 from Hildebrand Road to north of La Honda Creek Bridge (PM 9.4/10.0). Stabilize soil and erosion control to mitigate for storm water quality.	1,637	281	2,572
	10600002394	SCL	04	2G730	85	In Cupertino, Sunnyvale and Mountain View, from Stevens Creek Boulevard to Route 101; also in various cities, on Route 80 (PM 2.5/8.0), at various locations. Install and/or upgrade existing curb ramps and pedestrian facilities	1,105	152	2,295
	10600002221	SON	04	1G840	116	In Sebastopol, from Keating Avenue to Willow Street; also from McKinley Street to Joe Rodora Trail. Upgrade curb ramps, driveways and sidewalks.	900	280	3,090
	10600002409	SON	04	2J840	116	Near Monte Rio and Cloverdale, on Routes 116 and 128; also in Marin County, on Route 101, at 0.4 mile north of Sir Francis Drake Boulevard (PM 9.25). Stabilized soil and erosion control to mitigate for storm water quality.	1,355	450	3,471
<b>SHOPP - Mandates Total:</b>							<b>12,969</b>	<b>5,211</b>	<b>29,754</b>

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MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
<b>SHOPP - Mobility</b>									
	10600002171	ALA	04	15500	80	In Alameda, Contra Costa, and Solano counties, on Routes 80, 580 and 980 at various locations. Install traffic operations systems (TOS).	5,190	333	35,902
	10600002364	ALA	04	2J830	80	In Emeryville and Oakland, from San Francisco-Oakland Bay Bridge Toll Plaza to north of Powell Street; also in Oakland on Routes 580 and 880, at various locations. Upgrade/replace Transportation Management System	1,520	272	6,179
	10600002376	ALA	04	4J370	VAR	In various counties, on various routes, at various locations. On-call service contract to restore non-operational Transportation Management System elements.	1,790	10	19,000
	10600002370	ALA	04	3J050	580	In and near Oakland and San Leandro, from Route 238 to Route 80. Install and upgrade Transportation Management System elements.	5,400	60	21,570
	10600002384	SF	04	0J700	1	In the City and County of San Francisco, from Junipero Serra Boulevard to Lake Street. Upgrade and interconnect traffic signals.	750	455	5,378
	10600002406	SON	04	1A210	37	Near Vallejo, at east of Route 121. Replace Weigh In Motion (WIM) systems.	948	30	2,414
<b>SHOPP - Mobility Total:</b>							<b>15,598</b>	<b>1,160</b>	<b>90,443</b>



Metropolitan Transportation Commission  
SHOPP Lump Sum by Category and Fund Type  
Dollars x \$1000

2016

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Roadside Preservation									
	10600002408	SON	04	4J120	116	In various cities, from Route 1 to Route 101; also in Alameda, Marin, Napa, and Sonoma counties, on various routes, at various locations. Advance banking credits for environmental mitigation. Financial Contribution Only	520	5,080	0
SHOPP - Roadside Preservation Total:							520	5,080	0

**Metropolitan Transportation Commission**  
**SHOPP Lump Sum by Category and Fund Type**  
**Dollars x \$1000**

**2016**

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
<b>SHOPP - Roadway Preservation</b>									
	10600002371	ALA	04	0J620	680	In and near Pleasanton and Dublin, from north of Route 84 to Alcosta Boulevard. Roadway rehabilitation.	14,300	1,575	126,253
	10600002375	ALA	04	3G59C	580	Near Livermore, from San Joaquin county line to east of Greenville overcrossing; also on Route 205 (PM 0.0/1.0) from San Joaquin county line to Midway Road undercrossing. Environmental mitigation for EA 3G590.	0	2,250	0
	10600002356	ALA	04	3G602	680	In Fremont, from south of Scott Creek Road to Auto Mall Parkway. Rehabilitate roadway.	2,470	90	19,800
	10600002178	ALA	04	3G601	680	In and near Fremont, from Auto Mall Parkway to Koopman Road. Rehabilitate roadway.	3,713	180	21,690
	10600002011	ALA	04	1A683	880	In Oakland, from 23rd to 29th Street. Rehabilitate roadway.	2,010	200	10,100
	10600002378	CC	04	26980	242	In Concord, from Route 680 to Route 4. Pavement rehabilitation.	2,200	125	13,204
	10600002380	MRN	04	1J960	1	Near Point Reyes Station and Olema, from Olema Creek Bridge to north of Cypress Road; also, near Tomales, from south of Tomales-Petaluma Road to south of Valley Ford Road (PM 45.0/50.5). Pavement rehabilitation.	2,574	583	15,323
	10600002196	NAP	04	4H200	29	In and near Napa and Yountville, from north of Trancas Street/Redwood Road to Mee Lane. Rehabilitate pavement.	2,410	130	19,200
	10600002200	SF	04	3E601	101	In San Francisco, from Mission Street to Lombard Street. Rehabilitate pavement.(Financial Contribution Only)	180	30	7,300
	10600002315	SF	04	3E602	101	In the city and county of San Francisco, from Van Ness Avenue to Lyon Street. Rehabilitate pavement.	906	244	4,111
	10600002385	SF	04	3J300	1	In the City and County of San Francisco, from north of Lake Street to south of Route 101 at the McArthur Tunnel. Replace existing lighting system with LED lighting system.	660	30	4,746
	10600002203	SM	04	4H210	1	In and near Montara, Pacifica and Daly cities, from 1.3 miles north of 2nd Street to Sullivan Avenue overcrossing. Rehabilitate pavement.	1,620	110	16,283
	10600002388	SM	04	0C930	1	Near Pescadero, from Santa Cruz County Line to south of Bean Hollow Road. Pavement rehabilitation.	2,484	56	12,752
	10600002389	SM	04	3J060	101	In the cities of Burlingame, Millbrae, San Bruno and South San Francisco, from Broadway to Oyster Point Boulevard. Pavement rehabilitation.	2,398	232	18,128
	10600002393	SCL	04	4J280	82	In San Jose, from McKendrie Street to Lawrence Expressway. Pavement rehabilitation.	1,348	114	11,814
	10600002397	SCL	04	3J320	280	In and Near Los Altos, Los Altos Hills, and Palo Alto, from Foothill Boulevard to north of Sand Hill Road (also, in San Mateo County PM R0.0/R2.1). Pavement rehabilitation.	5,137	98	54,235
	10600002405	SON	04	1J360	12	In and near Sonoma, from Vallejo Avenue to east of Leveroni Road/Napa Road. Pavement rehabilitation.	1,678	67	6,954
	10600002407	SON	04	0J642	101	In and near Windsor, Healdsburg, and Cloverdale, from Old Redwood Highway to 2 miles south of Mendocino County line. Roadway rehabilitation.	11,948	70	70,087
<b>SHOPP - Roadway Preservation Total:</b>							<b>58,036</b>	<b>6,184</b>	<b>431,980</b>

